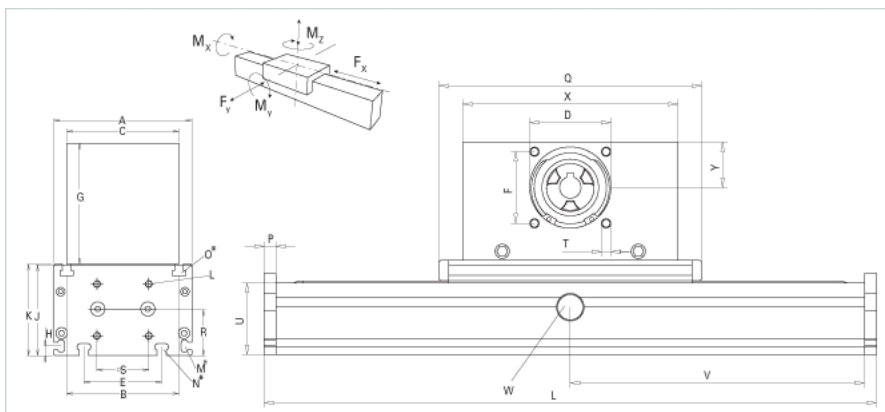
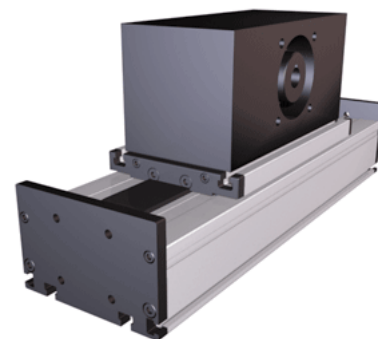


## DSSZ 200

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<b>Details</b>	
Size	200
Belt	8M70
mm/Rev	304
Number of Teeth	38
Pully Diameter [mm]	96.8
<b>Dimensions</b>	
Basic Length L [mm]	380
A [mm]	200
B [mm]	160
C [mm]	160
D [mm]	110
E [mm]	140
F [mm]	100
G [mm]	145
H [mm]	15
J [mm]	128
K [mm]	129
L [mm]	M10
M	M8
N	M10
O	M10
P [mm]	15
Q [mm]	340
R [mm]	62.5
S [mm]	95
T	M10
U [mm]	100
X [mm]	310
Y [mm]	62
Shaft Diameter and Length [mm]	30 x 55
Key	8x7x40
<b>Speed</b>	
Speed Maximum [m/s]	5
<b>Forces and Torques</b>	
Fx [N] 10000 km	5750
Fy [N] 10000 km	11080
Fz [N] 10000 km	14600
Mx [Nm] 10000 km	915
My [Nm] 10000 km	960
Mz [Nm] 10000 km	960
Fx [N] 5000 km	5900
Fy [N] 5000 km	15600
Fz [N] 5000 km	14600
Mx [Nm] 5000 km	1285
My [Nm] 5000 km	1375
Mz [Nm] 5000 km	1345
No-load torque [Nm]	2.2
Tensile force 0.2 sec [N]	6350
Tensile force permanent [N]	5900
<b>Geometrical moments of inertia of aluminum profile</b>	
Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	4807000

ly [mm <sup>4</sup> ]	25999000
<b>Weight</b>	
Additional Weight per 100 mm [kg]	2.60
Basic Weight [kg]	53.0